

Current Water Supply Conditions

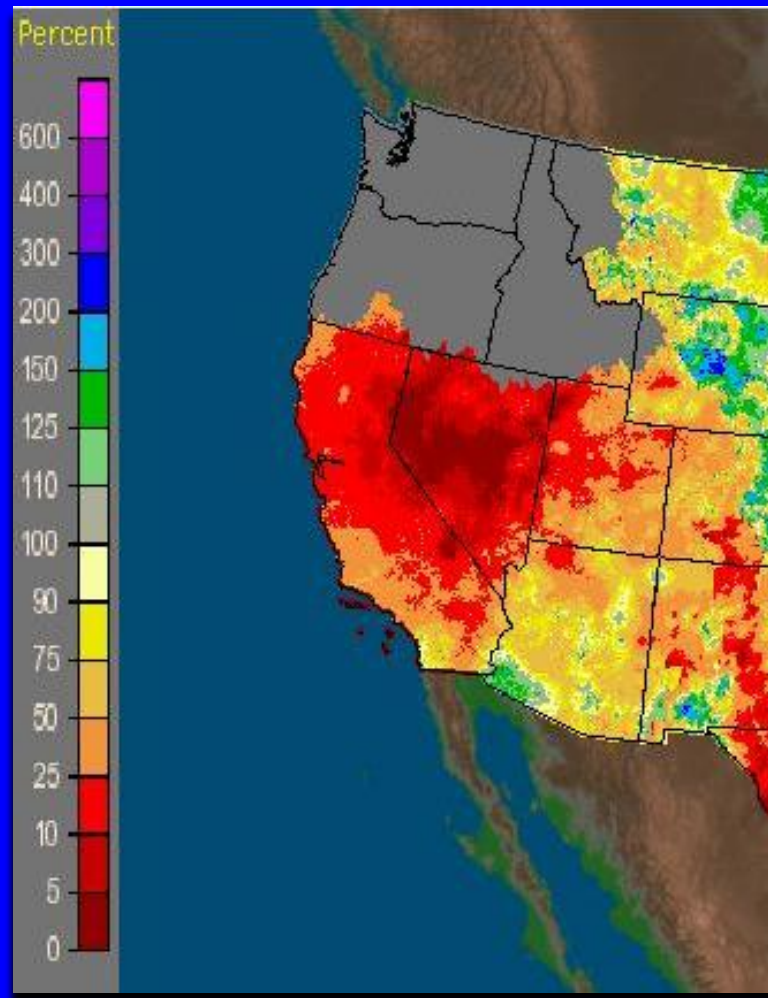
Friday, January 13th 2012

Sacramento, CA

**Alan Haynes – Service Coordination Hydrologist
NOAA/NWS – California Nevada River Forecast Center**

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NOAA/NWS – Sacramento Weather Forecast Office**

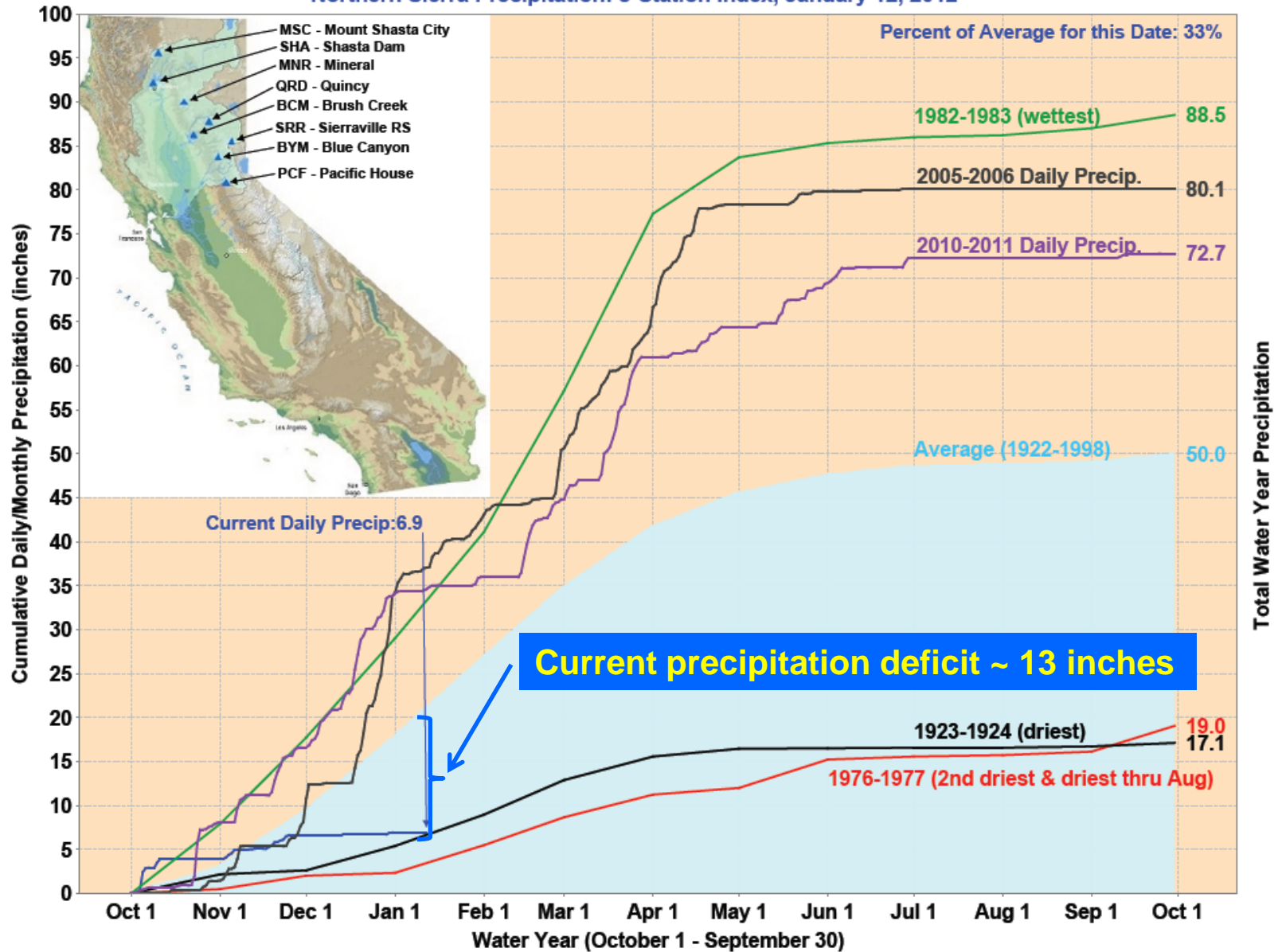
90-Day Percent of Normal Precipitation



Valid 1200 UTC January 12th 2012

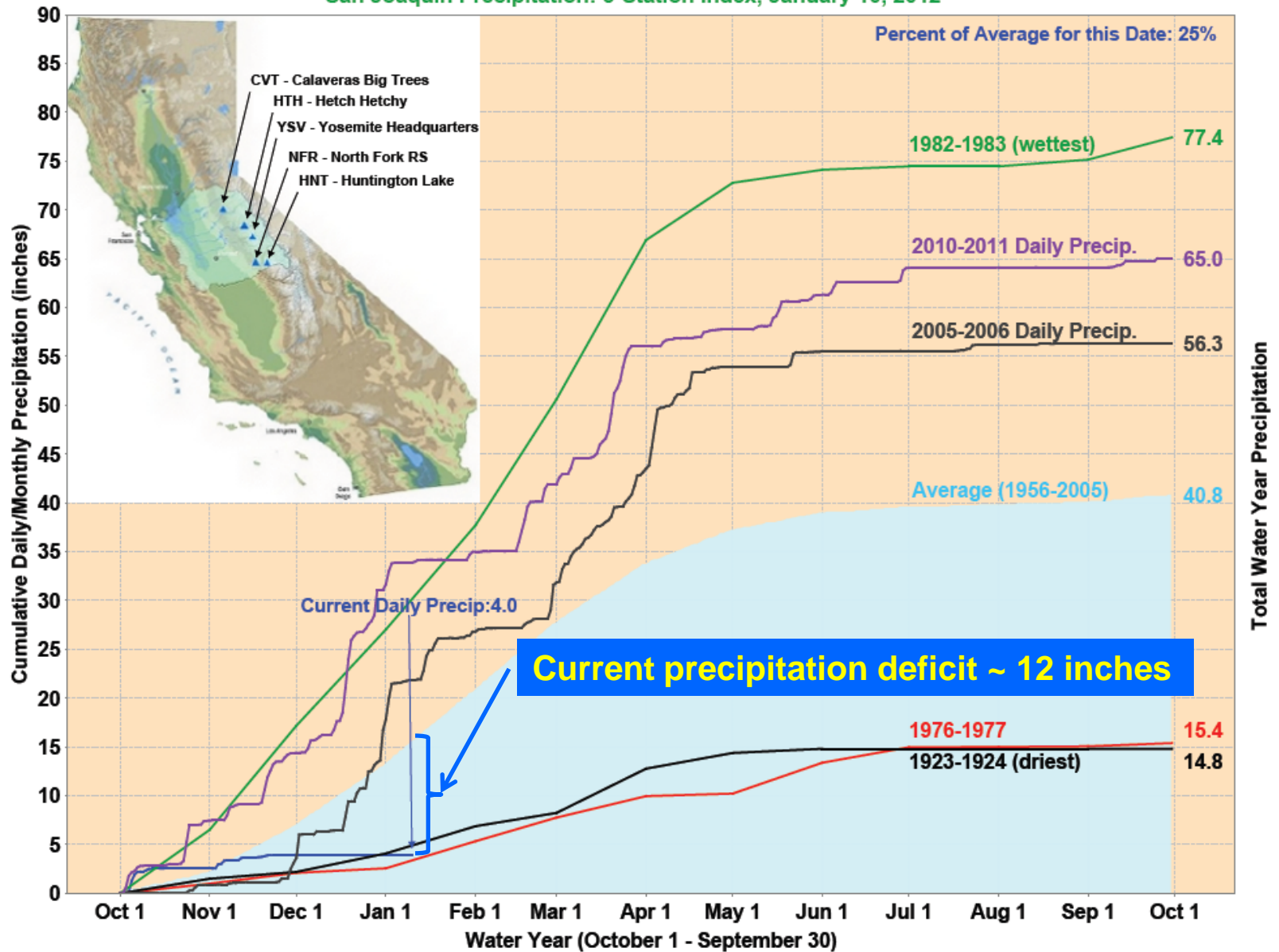
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Northern Sierra Precipitation: 8-Station Index, January 12, 2012



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San Joaquin Precipitation: 5-Station Index, January 10, 2012



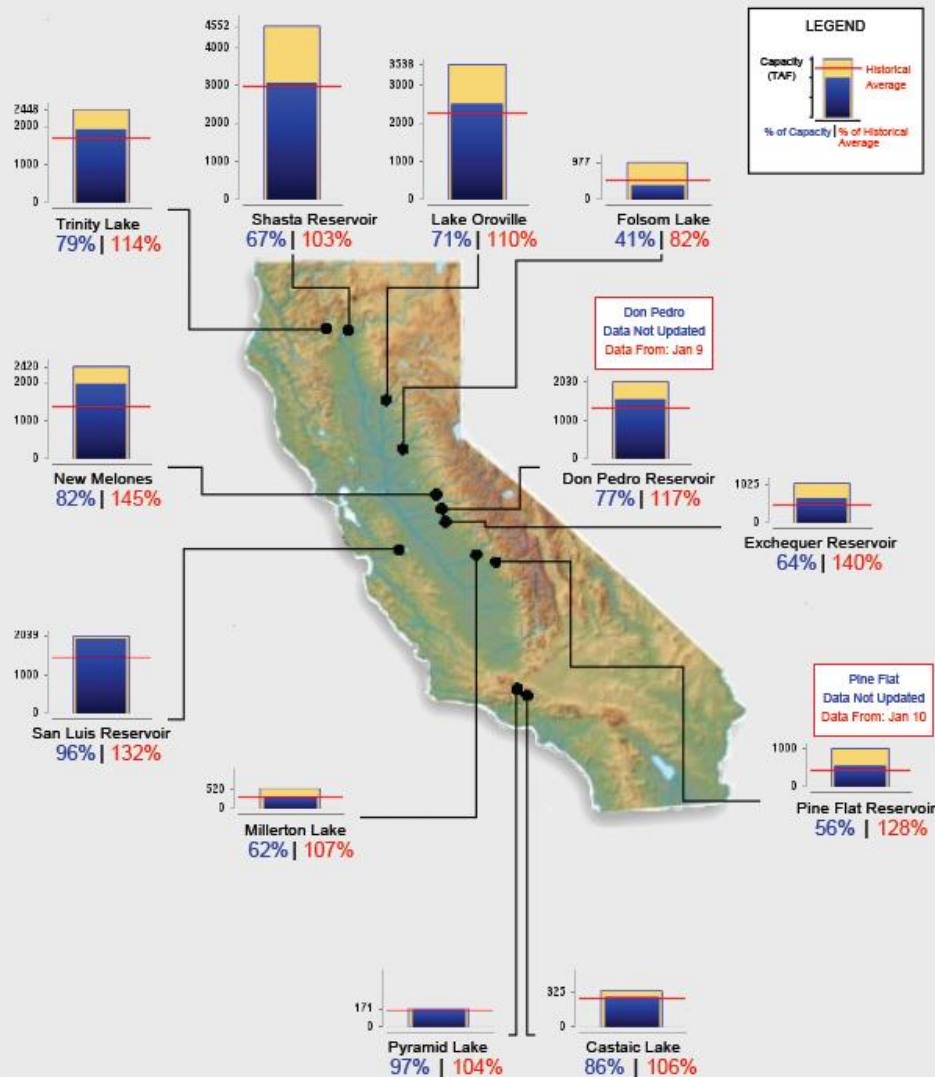
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Reservoir Conditions

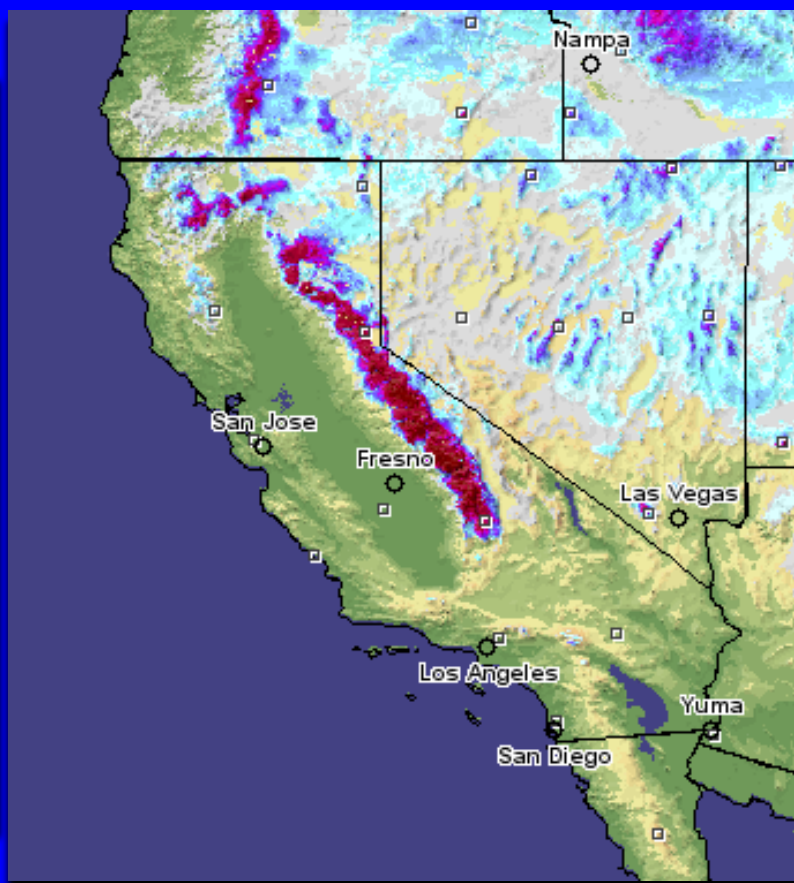
Ending At Midnight - January 11, 2012

CURRENT RESERVOIR CONDITIONS

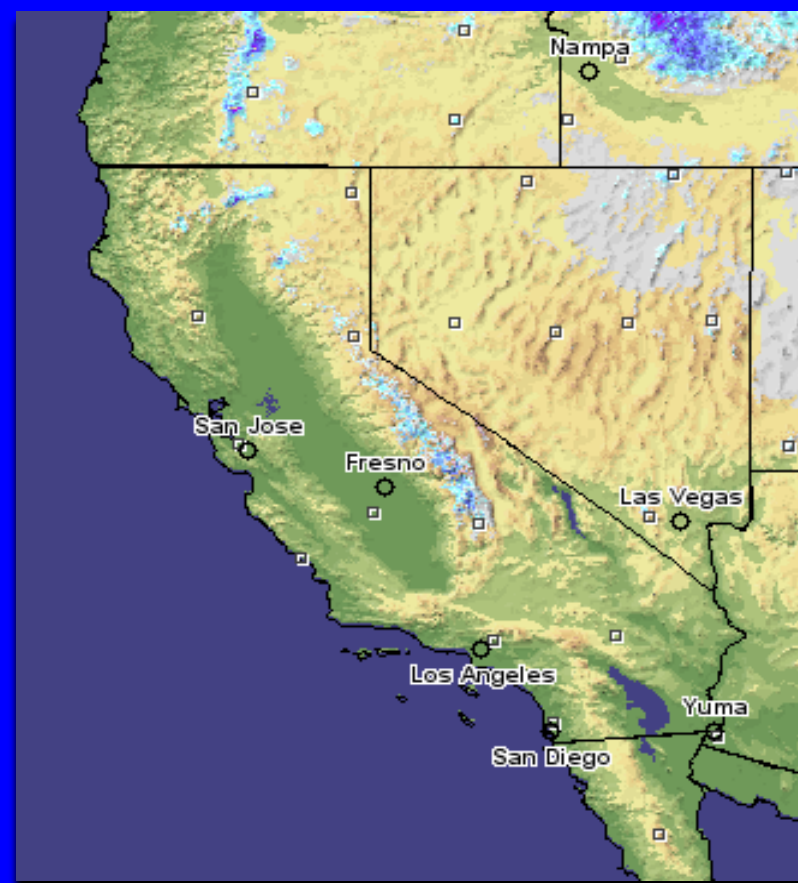


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Snow Water Content Comparison



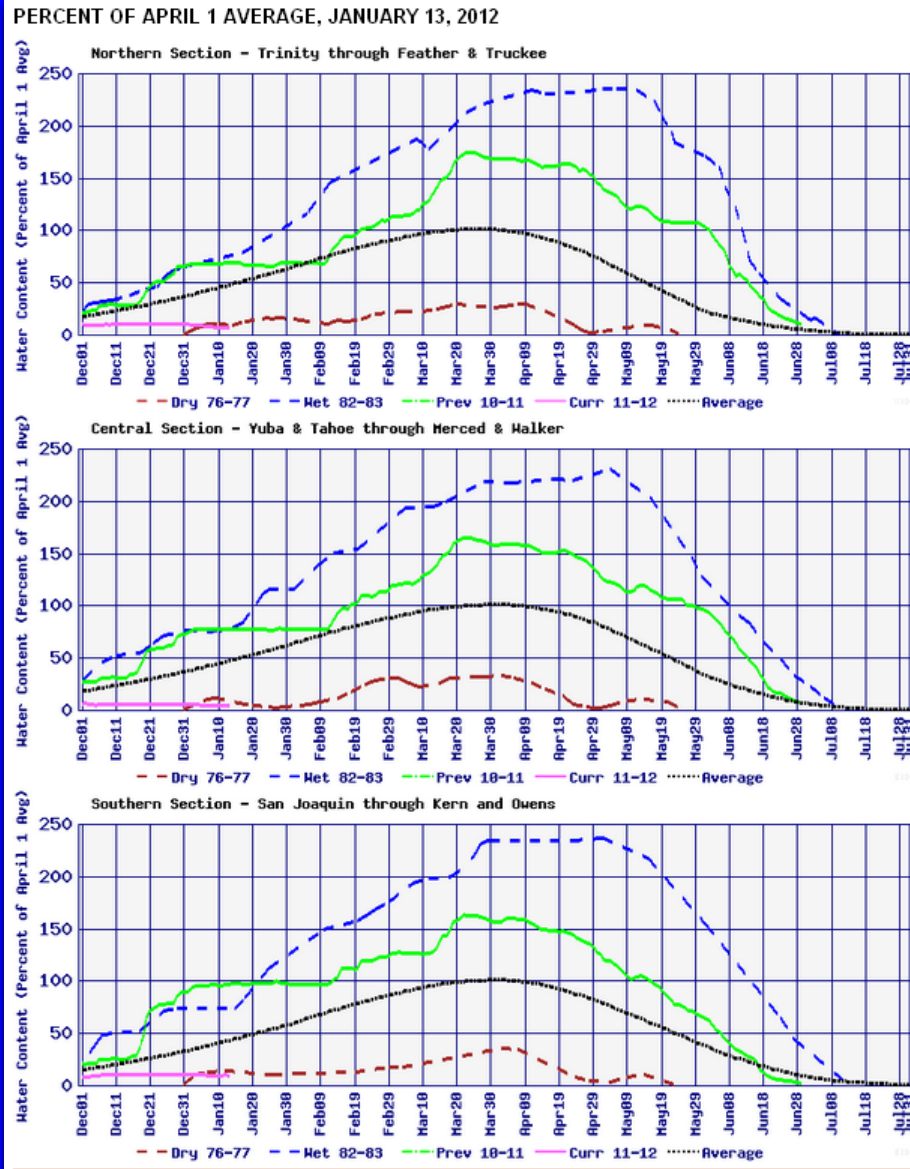
January 12th 2011



January 12th 2012

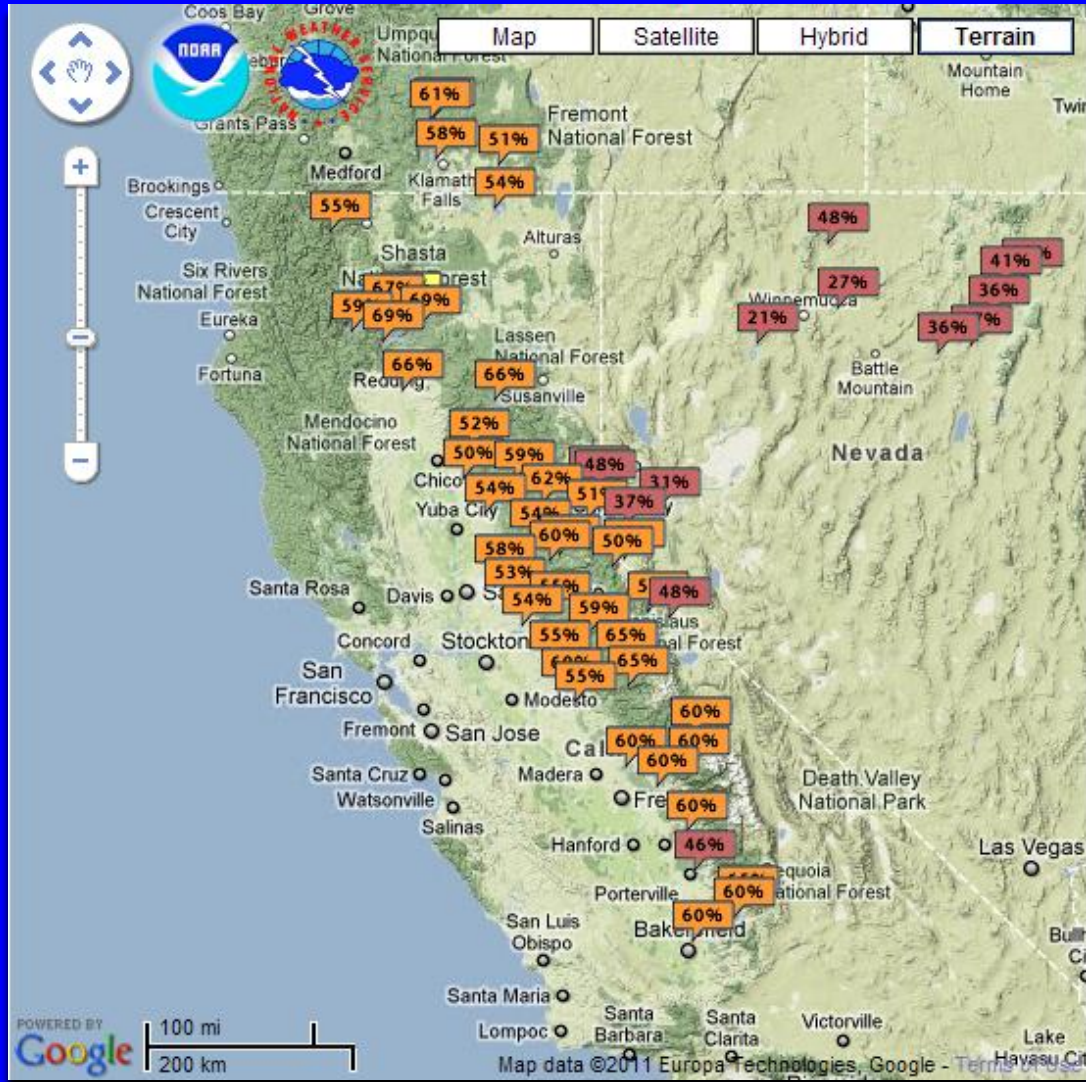
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California Snow Water Content



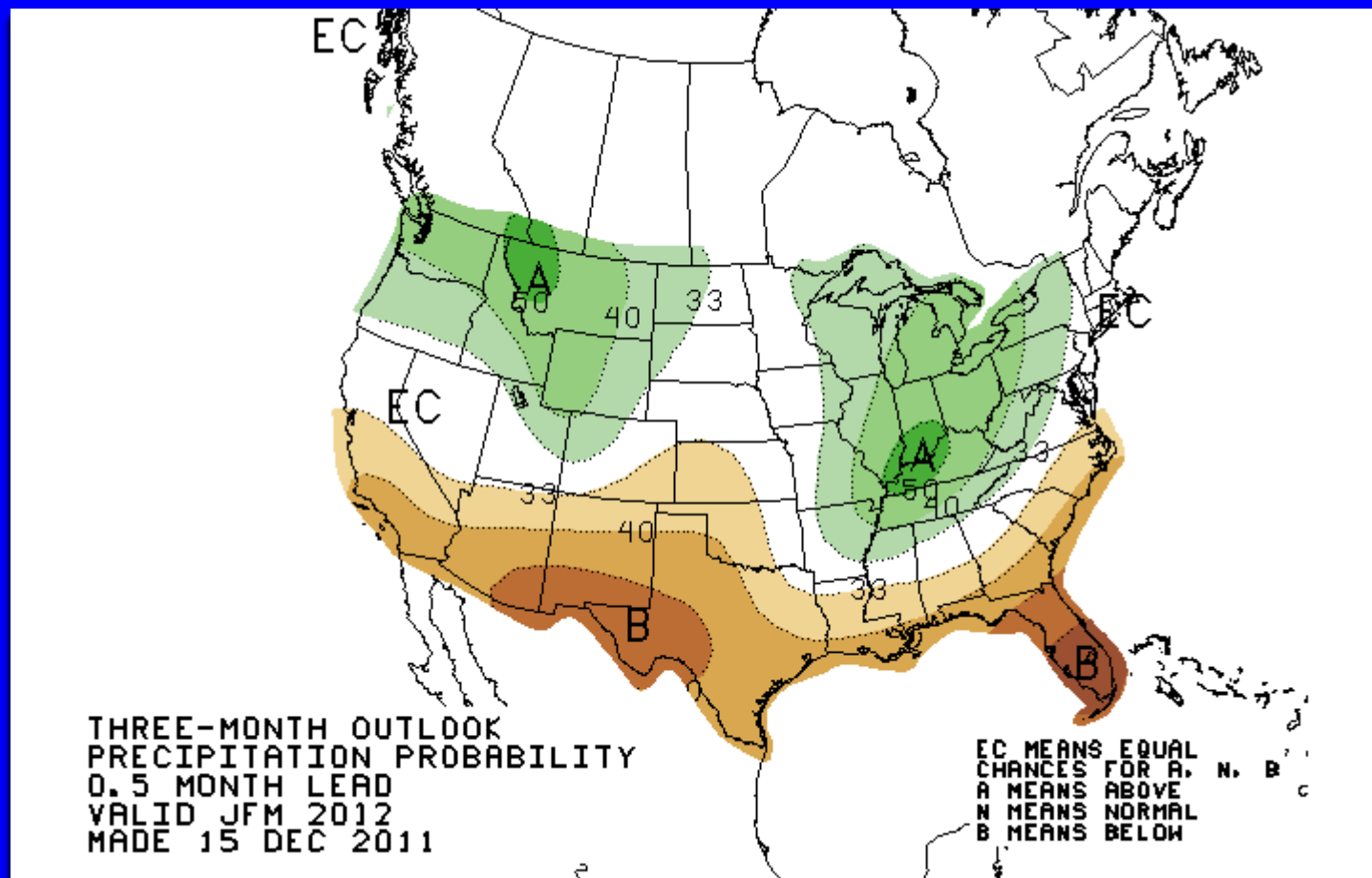
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April-July Runoff Volume Forecast



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3 Month Precipitation Outlook Jan-Feb-Mar



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Impacts

- Irrigation of permanent crops in Central Valley
- Feeding of range cattle in valley has begun
- Economic impacts to snow recreation industry
- Wildfire threat remains high

Summary

- Very dry so far in 2012
- Water resource availability is buffered due to carryover from last year
- Significantly reduced snowpack will likely result in much lower runoff into reservoirs
- Limited impacts, so far
- Seasonal outcome highly dependent upon late winter/spring weather pattern

Links

Products used in presentation:

- <http://water.weather.gov/precip>
- http://cdec.water.ca.gov/cgi-progs/products/PLOT_ESI_2012.pdf
- http://cdec.water.ca.gov/cgi-progs/products/PLOT_FSI.2012.pdf
- <http://cdec.water.ca.gov/cdecapp/resapp/getResGraphsMain.action>
- <http://www.nohrsc.noaa.gov/nsa>
- http://www.cnrfc.noaa.gov/google_ws.php
- <http://www.cnrfc.noaa.gov/climoForecasts.php>

Hydrologic Forecasts:

- <http://www.cnrfc.noaa.gov>
- <http://cdec.water.ca.gov>

General Weather Forecasts:

- <http://www.wrh.noaa.gov>